
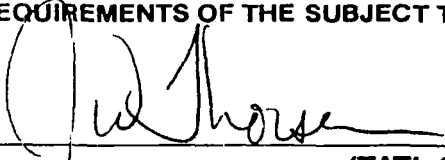



1. COST CENTER: <u>5</u>	TECHNICAL DIRECTION DOCUMENT (TDD) OHM EMERGENCY RESPONSE AND SPILL PREVENTION PROGRAM ROY F. WESTON, INC.			2. NO.: 5-8304-10 2A. TYPE: <u>3</u>
3. PRIORITY: <input checked="" type="checkbox"/> HIGH (1) <input type="checkbox"/> MEDIUM (2) <input type="checkbox"/> LOW (3)	4. SOURCE OF FUNDS: <input checked="" type="checkbox"/> CERCLA (1) <input type="checkbox"/> 311 (2) <input type="checkbox"/> OTHER (3) _____	5. EPA SITE ID (IF APPLICABLE): <u>N/A</u> 5A. EPA SITE NAME (IF APPLICABLE): <u>Sauget, IL</u>	6. COMPLETION DATE: <u>8/10/83</u> 7. OVERTIME APPROVED: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	8. REFERENCE INFO: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> ATTACHED <input type="checkbox"/> PICK UP
9. GENERAL TASK DESCRIPTION: <u>Dioxin Samples , Sauget, IL</u> AMENDED				
9A. SPECIAL PROJECT - ESTIMATED COST: _____ ESTIMATED HOURS: _____				
10. SPECIFIC ELEMENTS: <u>Field sampling activities at the Sauget Site have been delayed because of design and construction activities. The projected completion is not required until August 10, 1983.</u>			11. INTERIM DEADLINES: _____ _____ _____ _____ _____	
US EPA RECORDS CENTER REGION 5  412186				
12. DESIRED REPORT FORM: FORMAL REPORT <input type="checkbox"/> LETTER REPORT <input type="checkbox"/> FORMAL BRIEFING <input type="checkbox"/> OTHER (SPECIFY): _____				
13. COMMENTS: _____ _____ _____				
14. AUTHORIZING DPO: <u>Robert J. Bowden</u> (SIGNATURE)			15. DATE: <u>6/24/83</u>	
16. RECEIVED BY: <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> ACCEPTED WITH EXCEPTIONS <input type="checkbox"/> REJECTED <u>[Signature]</u> (TATL SIGNATURE)			17. DATE: <u>6/24/83</u>	

18. DESCRIPTOR 05830410X103SAMP DIOXIN SAUGET N/A IL 1X

[illegible]

RFW 380-10-82

1. COST CENTER: <div style="text-align: center; border-bottom: 1px solid black; width: 100px; margin: 0 auto;">5</div>	ACKNOWLEDGEMENT OF COMPLETION FOR TDD TAT EMERGENCY RESPONSE, REMOVAL AND PREVENTION ROY F. WESTON, INC.	2. NO.: 5-8304-10 <input checked="" type="checkbox"/> COMPLETE <input type="checkbox"/> INTERIM
3. RESPONSE: <u>Please find attached the letter report concerning the soil sampling for dioxin analysis in Sauget, Illinois.</u> <u>A TAT member assisted the contractor in sampling performing sample splits, sample packaging, and shipping.</u>		<input type="checkbox"/> FORMAL REPORT <input checked="" type="checkbox"/> LETTER REPORT <input type="checkbox"/> FORMAL BRIEFING <input type="checkbox"/> OTHER (SPECIFY)
3A. ACTUAL TOTAL COST: <div style="border-bottom: 1px solid black; width: 100%;"></div>		3B. ACTUAL TOTAL HOURS: <div style="border-bottom: 1px solid black; width: 100%;"></div>
4. DPO ACTION: <input type="checkbox"/> ACCEPTED <input type="checkbox"/> ACCEPTED WITH EXCEPTIONS <input type="checkbox"/> REJECTED		
5. COMMENTS: _____ _____ _____ _____ _____		
6. I CERTIFY THAT THE ATTACHED MATERIALS MEET AND COMPLY WITH ALL REQUIREMENTS OF THE SUBJECT TDD. <div style="text-align: center; margin-top: 20px;">  _____ (TATL SIGNATURE) </div>		7. DATE: <div style="text-align: center; margin-top: 20px;"> 8-10-83 _____ </div>
8. I ACKNOWLEDGE THAT I HAVE BEEN PROVIDED WITH THE MATERIALS AND SERVICES SPECIFIED IN THE SUBJECT TDD WITHIN ITS ORIGINAL OR REVISED TIME FRAMES. <div style="text-align: center; margin-top: 20px;">  _____ (AUTHORIZING DPO SIGNATURE) </div>		9. DATE: <div style="text-align: center; margin-top: 20px;"> 8/14/83 _____ </div>



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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-01-6669

Mr. Robert Bowden, Chief
Spill Response Section
Environmental Protection Agency
536 S. Clark Street
Chicago, IL 60604

4 August 1983

TAT-05-F-00182

Dear Mr. Bowden:

On Wednesday, 18 May 1983, Jay Evans of the Illinois Environmental Protection Agency (IEPA) and TAT member Scott Ferris met to sample dioxin-contaminated soil at the American Bottoms Regional Wastewater treatment facility in Sauget, Illinois.

The principal objective of this field activity was to collect a total of seven 8 oz. soil samples from various locations on the proposed site of a pump house. The pumphouse site is suspected to contain dioxin-contaminated soil. In addition to the pump house samples, three soil samples were taken from the proposed site of the treatment plant. One duplicate sample was also taken from the pump house site as a laboratory analysis check. Collection locations were identified by Jay Evans, IEPA, and Norm Niedergang, USEPA. Sample locations are shown on Figures 1 and 2.

Sampling was conducted by a two-member team from Envirodyne Engineers of St. Louis, Missouri. TAT member Scott Ferris observed the sampling and collected the splits. Six samples were collected at depths ranging from 0.5 ft to 4.0 ft using a split spoon for samples taken in absence of standing surface water and PVC and steel pipe were used for samples taken in inundated areas. After the sample was taken, the Envirodyne samplers split the sample, placed the split in a high hazard 8 oz. jar and gave it to the TAT member. TAT labeled and visually characterized each split and subsequently prepared the split for shipment. Seven



Mr. Robert Bowden
Environmental Protection Agency

4 August 1983
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splits were taken from a total of 60 samples. The splits were to be analyzed by Environmental Testing & Certification Corporation, Edison, New Jersey, to provide data to corroborate the analytical results of the Envirodyne Laboratory. Data on sample splits are presented on Table 1.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Scott Ferris".

Scott Ferris, Project Engineer

A handwritten signature in cursive script, appearing to read "John W. Thorsen".

John W. Thorsen
Technical Assistance Team Leader
Region V

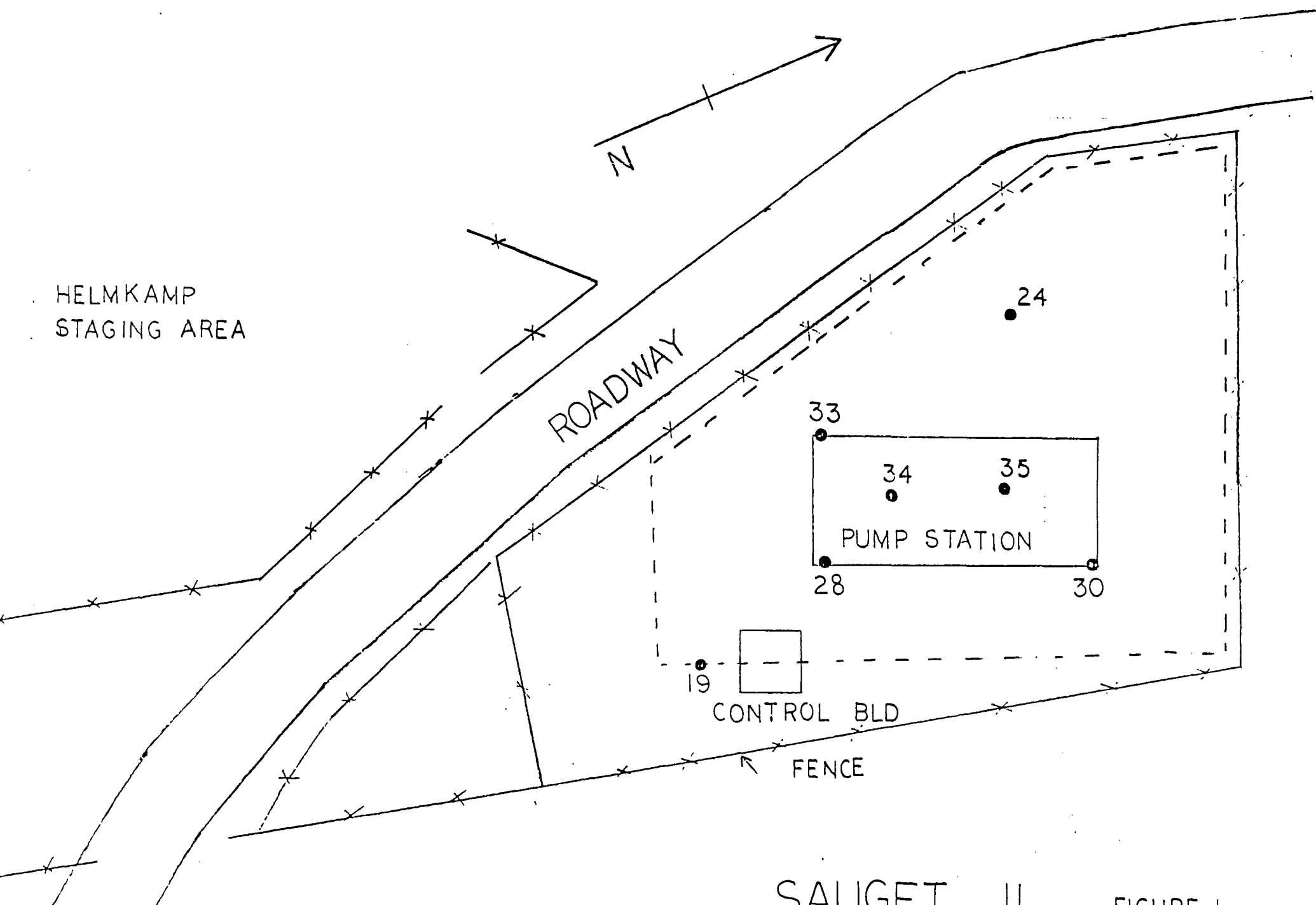
JWT/amp

TABLE 1

DIOXIN SAMPLE SPLIT DATA, SAUGET, ILLINOIS

<u>Sample #</u>	<u>Sample Location</u>	<u>Date</u>	<u>Time</u>	<u>Concentration</u>	<u>Depth</u>	<u>Description</u>
S-15	H-9	5-18-83	1930	(A)	6"	grey sandy soil
S-16	A-10	5-18-83	1945		6"	sandy
S-17	B-16	5-18-83	2000		6"	sandy soil
S-18	19-C	5-19-83	1230		30"	greyish soil
S-19	24A	5-19-83	1430		6"	greyish soil
S-20	33A	5-20-83	1100		35"	greyish-brown soil
S-21	28A	5-20-83	1200		35'	greyish-brown soil
S-22	40A	5-20-83	1200		35'	duplicate of S-21
S-23	30B	5-20-83	1300		45'	greyish-brown soil
S-24	34A	5-23-83	0900		35'	greyish-brown soil
S-25	35B	5-23-83	1030		45'	oily sludge

A: Pending Analysis



SAUGET. II

FIGURE 1

